

Electronic Acknowledgement Receipt

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| EFS ID: | 3414951 |
| Application Number: | 10567026 |
| International Application Number: | |
| Confirmation Number: | 9466 |
| Title of Invention: | Diamond based proton beam target for use in contraband detection systems |
| First Named Inventor/Applicant Name: | Stephan T. Melnychuk |
| Customer Number: | 272 |
| Filer: | Edward W. Grolz/Elyssa Hudes |
| Filer Authorized By: | Edward W. Grolz |
| Attorney Docket Number: | 12435 |
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| Application Type: | U.S. National Stage under 35 USC 371 |

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| Submitted with Payment | no |
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File Listing:

| Document Number | Document Description | File Name | File Size(Bytes) /Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|---------------|---|------------------|------------------|
| 1 | | 12435_IDS.pdf | 412113 | yes | 7 |
| | | | a9d0abd1440bc31edf0aa7bcd517bdd449cf51e | | |

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| | Multipart Description/PDF files in .zip description | | | | |
| | Document Description | | Start | End | |
| | Information Disclosure Statement (IDS) Filed | | 1 | 5 | |
| | Miscellaneous Incoming Letter | | 6 | 7 | |
| Warnings: | | | | | |
| Information: | | | | | |
| 2 | Miscellaneous Incoming Letter | InternationalSearchReport.pdf | 187413 de4cb5dc5adfcc095e3e243192fcea4df2fe3b5c | no | 4 |
| Warnings: | | | | | |
| Information: | | | | | |
| 3 | Miscellaneous Incoming Letter | EuropeanSearchReport.pdf | 219612 1c59e968be3dae711ea4ab5c2791167295ef1809 | no | 4 |
| Warnings: | | | | | |
| Information: | | | | | |
| 4 | NPL Documents | Bauer_ref.pdf | 369071 446137df0b1c0753e061e3c9d75f14a0953874f5 | no | 6 |
| Warnings: | | | | | |
| Information: | | | | | |
| 5 | NPL Documents | Hassard_Ref.pdf | 307268 19f5ff9f462e1e83738945459d0be17382f042eb | no | 4 |
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.